



- NOTES
- CUT SHEAR STUDS TOP OF EXISTING BEAMS. GRIND SMOOTH AS REQ'D. INSTALL NEW 3/4" x 2" STUDS TO TOP OF 1/2" PLATE.
  - AVOID DAMAGE TO REBAR. REBAR MAY BE BENT UP TO PROVIDE ACCESS FOR CONSTRUCTION. CUT BARS SHOULD BE SPLICED TO DEVELOP THEIR STRENGTH.
  - PROVIDE THICKER PLATE AS REQUIRED TO SUIT FIELD CONDITIONS.

THE PORT AUTHORITY  
OF NY & NJ



ORIGINAL SIGNED & SEALED BY  
N.Y. P.E. (OR R.A.)

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I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT  
COPY OF ONE OF THE CONTRACT DRAWINGS FOR  
THE PROJECT IN WHICH SAID DRAWINGS EXISTED AT  
THE TIME THE SAID CONTRACT WAS EXECUTED BY  
THE PARTIES.  
DATE 11/17/97 *William A. Belan*  
DATE 11/17/97 *R.K. Jernigan*  
ENGINEER OF DESIGN

| No.                    | Date     | Revision       | Approved |
|------------------------|----------|----------------|----------|
| 1                      | 11/17/97 | ISSUED FOR BID |          |
| Engineering Department |          |                |          |
| Design Divisions       |          |                |          |
| The World Trade Center |          |                |          |

STANDBY POWER  
5 WORLD TRADE CENTER  
STRUCTURAL

5 WTC BULKHEAD  
SECTIONS & DETAILS

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Port Authority and  
may not be used without its written consent.

Designed by: MYS  
Drawn by: GAP  
Checked by: RZ  
Date: 11/17/97  
Scale: NTS  
Contract Number: WTC-945.071  
Drawing Number: S2-04

